

Chapter 4
SANITARY SEWER, SOLID WASTE, DRAINAGE, POTABLE WATER
AND NATURAL GROUNDWATER AQUIFER RECHARGE ELEMENT
4/2006

GOAL 1:	To promote sanitary sewer, solid waste, drainage, potable water, and aquifer protection services to meet the needs of current and future residents of Gulf County in accordance with adopted level of service standards.										
OBJECTIVE 1.1:	Gulf County will correct existing facility deficiencies by implementing the Capital Improvements Element of the Comprehensive Plan and by implementing Policy 1.1.1.										
POLICY 1.1.1:	Correcting existing infrastructure deficiencies through replacement or correction will take priority over providing facilities to meet future needs.										
OBJECTIVE 1.2:	Gulf County will coordinate the extension of, or increase in capacity of facilities to meet future needs through adoption, implementation, and annual revision of the Capital Improvements Element of the Comprehensive Plan.										
POLICY 1.2.1:	<p>The following level of service standards are hereby adopted, and shall be used as the basis for determining the availability of facility capacity and the demand generated by a development:</p> <table> <tr> <td><u>FACILITY</u></td><td><u>LEVEL OF SERVICE STANDARD</u></td></tr> <tr> <td>Sanitary Sewer Facilities:</td><td>Barrier Dunes WWTP: 125 gallons Per capita per day (gpcpd)</td></tr> <tr> <td></td><td>Gulf Aire WWTP: 150 gpcpd</td></tr> <tr> <td></td><td>Oak Grove 145.5 gpcpd</td></tr> <tr> <td>Solid Waste Facilities:</td><td><u>8.62</u> lbs. Per day per capita</td></tr> </table>	<u>FACILITY</u>	<u>LEVEL OF SERVICE STANDARD</u>	Sanitary Sewer Facilities:	Barrier Dunes WWTP: 125 gallons Per capita per day (gpcpd)		Gulf Aire WWTP: 150 gpcpd		Oak Grove 145.5 gpcpd	Solid Waste Facilities:	<u>8.62</u> lbs. Per day per capita
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<p>POLICY 1.2.1: Continued</p>	<p>Drainage Facilities: 25-yr. frequency, 24-hr. duration storm event for those areas designated as residential, commercial, mixed commercial/residential, public, and industrial land use on the Future Land Use Map; and</p> <p>3-yr. frequency, 24-hr. duration storm event for those areas designated as agricultural, conservation, and recreation land use on the Future Land Use Map.</p> <p>Treatment of the first one-half inch of run-off on sites less than 100 acres, and treatment of the first inch of run-off on sites greater than 100 acres.</p> <p>Potable Water Facilities:</p> <table data-bbox="906 927 1324 1361"> <tr> <td>Lighthouse Utilities</td> <td>- 100 gpcpd</td> </tr> <tr> <td>Highland View</td> <td>130 gpcpd</td> </tr> <tr> <td>St. Joe Beach</td> <td>100 gpcpd</td> </tr> <tr> <td>Oak Grove</td> <td>*130 gpcpd</td> </tr> <tr> <td>Gulf Forestry Work Camp</td> <td>110 gpcpd</td> </tr> <tr> <td>White City</td> <td>100 gpcpd</td> </tr> </table> <p>*LOS adopted by City of Port St. Joe</p>	Lighthouse Utilities	- 100 gpcpd	Highland View	130 gpcpd	St. Joe Beach	100 gpcpd	Oak Grove	*130 gpcpd	Gulf Forestry Work Camp	110 gpcpd	White City	100 gpcpd
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<p>OBJECTIVE 1.3:</p>	<p>Gulf County will utilize existing infrastructure to their maximum extent to minimize urban sprawl.</p>												
<p>POLICY 1.3.1:</p>	<p>In order to discourage urban sprawl the County will encourage development to occur in areas with existing infrastructure and capacity through implementation of future land use designations specified on the Future Land Use Map, which direct future residential and commercial development to occur in proximity to existing development.</p>												

OBJECTIVE 1.4:	Gulf County will conserve its potable water resources by implementing Policies 1.4.1 and 1.4.2.
POLICY 1.4.1:	Gulf County will coordinate with the Northwest Florida Water Management District to establish water conservation strategies and techniques designed to preclude emergency water shortage.
POLICY 1.4.2:	Gulf County will continue to follow the procedures for emergency water conservation considering the plans of the Northwest Florida Water Management District.
OBJECTIVE 1.5:	Gulf County will protect the functions of natural groundwater recharge areas and natural drainage features by implementing Policies 1.5.1, 1.5.2, and 1.5.3.
POLICY 1.5.1:	Gulf County will assure that land uses with the potential to adversely affect identified water resources (water wells, cones of influence, and water recharge areas) are properly regulated through appropriate buffering requirements.
POLICY 1.5.2:	The alteration of natural drainage features will be prohibited unless no reasonable development alternatives exist and adequate man-made drainage facilities are installed.
POLICY 1.5.3:	Gulf County will ensure aquifer recharge area protection through implementation of County's land use densities and intensities and stormwater LOS and the stormwater management, wetlands protection and high recharge area protection permitting requirements, consistent of the DEP.
POLICY 1.5.4:	All septic system approvals in the County will be regulated by the Gulf County Environmental Health Department as applicable to State and County regulations which ever is more stringent.

OBJECTIVE 1.6:	Gulf County will ensure the provision of adequate drainage facilities to minimize adverse impacts from stormwater and stormwater run-off by implementation of Policies 1.6.1 through 1.6.3.
POLICY 1.6.1:	Gulf County will implement current minimum State standards for stormwater management.
POLICY 1.6.2:	Gulf County will require the use of Best Management Practices (BMP's) to control erosion of sediments from agricultural activities and unpaved roads to be enforced by the Gulf County Building Inspector's office.
POLICY 1.6.3:	Gulf County will work towards a Stormwater Management Plan as funds become available to perform stormwater studies.